REMARKS

Applicant respectfully requests the entering of the above amendments, which corrects typographical errors present in the specification. In particular, the amendment corrects erroneous references to Figure 5 and replaces it with references to Figure 2.

Applicant believes that no fee is due in connection with this preliminary amendment. However, if a fee is in fact due, the Commissioner is authorized to charge the same to our Deposit Account No. **08-3038**, referencing Docket No. 04813.0028.NPUS00.

Respectfully submitted,

Date: March 28, 2002

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

Page 12, lines 11-27:

Referring to Figure [5]2, an implementation of a fuel cell system comprises a power source 508 and a fuel storage unit 502. A flowable fuel is contained with the fuel storage unit 502. A first flow path (line 504, pump 506, and line 507) delivers fuel from the fuel storage unit 502 to the power source 508. Some or all of this fuel is deposited into the individual cell cavities within the power source 508. (As described in U.S. Patent No. 6,296,958, which is hereby incorporated herein by reference, one or more fluid mechanical devices may be employed to deposit the fuel into the cell cavities). A second flow path 510 delivers fuel that is not deposited into the cell cavities to the fuel storage unit 502. The flow of fuel from the fuel storage unit 502 to the power source 508 and back to the fuel storage unit 502 over flow path 510 may be periodic, intermittent, semi-continuous, or continuous. A third flow path (not shown in Figure [5]2) delivers unused and/or partially used fuel and/or reaction products and/or spent reaction solution from the cell cavities back to an optional reaction product storage unit (not shown in Figure [5]2) and/or the fuel storage unit 502 and/or to the second flow path 510. The system may further comprise an optional reaction product storage unit, an optional regeneration unit, an optional second reactant storage unit, an optional controller, and an optional power converter.

Page 16, lines 7-27:

With reference to Figure 2, zinc pellets and KOH electrolyte can be contained within the fuel tank (electrolyte + zinc) 502. These particles can be initially at rest until such time as they are picked up in the stream of flowing KOH electrolyte, Q1, identified with numeral 504. The stream of KOH electrolyte and zinc pellets can be sucked from the tank and into the fuel delivery pump 506. From the fuel delivery pump 506, the stream can enter a pipe that directs them toward the fuel cell stack 508 through flow path 507. On entering the fuel cell stack 508, the electrolyte and pellets flow stream can first encounter a flow distribution manifold (not illustrated; exemplary manifold suitable for use found in U.S. Patent Application Serial No. To Be Determined, entitled "MANIFOLD FOR FUEL CELL SYSTEM," Howrey Dkt. No. 04813.0027.US00, filed on even date herewith, and previously incorporated herein by this reference) that can distribute electrolyte and zinc pellets substantially uniformly to each of the

plurality of individual cells. Some zinc pellets can drop into the fuel cell anode cavity (not illustrated) and remain there until they dissolve and some pellets remain in the flow stream and exit the cell via a flow path Q3, which is identified with numeral 510. The flow can be returned to the electrolyte tank via the flow path Q3. Although some zinc pellets that fall into the fuel cell anode cavity can be completely dissolved, a few of the pellets can be only partially dissolved; because of their small size, these partially dissolved pellets can exit the anode cavity and enter the flow stream from the cell and pass back to the electrolyte tank, via flow path Q2 (not shown in Figure [5]2, but in parallel with flow path Q3).